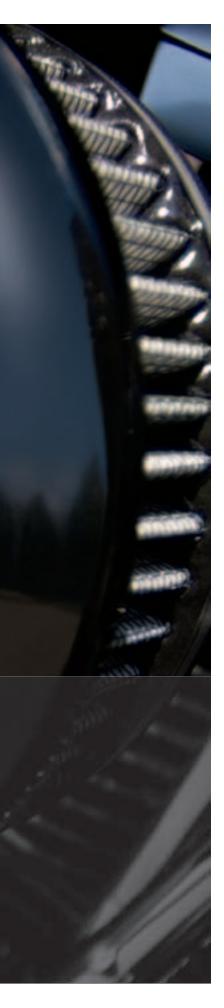
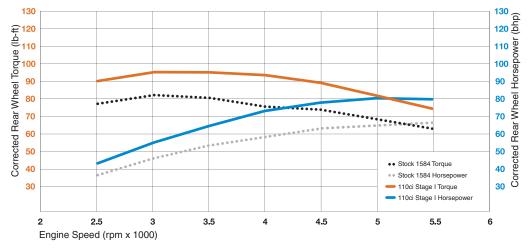


If you want to get the most out of your machine, precise tuning is an absolute. Screamin' Eagle Performance Parts supply the raw power you need and distinct sound you want while keeping you within the law. All our street-legal configurations are factory-tested for high performance and unmatched reliability.



# THE DYNO CHART

An invaluable tool in performance modification, the dyno chart can visually compare the performance characteristics of a stock engine with those of a modified engine—and can help you determine if a particular set up will generate the power gains you're after. The horizontal axis indicates engine speed in RPM and the left and right vertical axis shows the amount of torque and horsepower produced. Comparing the stock and modified torque and horsepower curves can tell you how a configuration performs in a specific RPM range.



# HORSEPOWER & TORQUE

While many judge a motorcycle's performance solely in terms of horsepower, torque is an equally important factor in the equation. In a nutshell, torque is the twisting force that gets your bike moving, while horsepower is the effort required to keep it moving — meaning that torque influences acceleration, while horsepower determines velocity. Your goal should be to reach the balance between horsepower and torque that most closely matches the performance you need.

# **WARRANTY & CAUTION**

# OVERVIEW

Harley-Davidson has the engineering expertise, the sophisticated dyno lab and complete testing facilities to provide enthusiasts with a line of performance products designed to produce good, solid, reliable horsepower and torque. Engine related performance parts are intended for the experienced rider only.

# WARRANTY

Installation of Screamin' Eagle\* products, and similar off-road or competition products from other manufacturers, except some street-legal offerings installed by authorized Harley\* dealers, may void your H-D\* limited vebicle warranty. Installation of a California performance kit on a 49-state model motorcycle or a 49-state performance kit onto a California model motorcycle will void manufacturers warranty, as it will not result in a street-legal configuration.

# CAUTION

Harley-Davidson\* motorcycles modified with some Screamin' Eagle\* high-performance engine parts must not be used on public roads and in some cases may be restricted to closed-course competition.

# SCREAMIN' EAGLE® RACING

# FEARED BY COMPETITORS, LOVED BY SPECTATORS.

Victory is measured in milliseconds. Quarter-mile or flat track, you'll find H-D riders running out front. Keeping them in the lead are genuine Screamin' Eagle Pro Racing Parts—engineered for the track, and destined for the winner's circle. As part of our commitment to the sport, we proudly support NHRA, AMA and AHDRA, organizations that move enthusiasts from the stands to the starting line.

# A NEW KIND OF ICON

Harley-Davidson\* motorcycles are the official motorcycle of the National Hot Rod Association (NHRA\*). To feel the power and excitement of professional drag racing, visit an NHRA event and experience the Harley-Davidson Acceleration Nation® display. Exhibits feature the latest motorcycles, photo opportunities and a chance to race two specially prepared V-Rod\* motorcycles on a drag strip simulator.





nhra com

Visit www.harley-davidson.com for schedules and information on Harley-Davidson racing.



What do Screamin' Eagle engineers do in their spare time? They build fast bikes like this strip-conquering 113 cubic inch Dyna\* Street Bob\* race bike.



Not all parts are available in Europe, Middle East and Africa.

# THREE WAYS TO FEEL THE HEAT

# NHRA® FULL THROTTLE® PRO STOCK MOTORCYCLE RACING

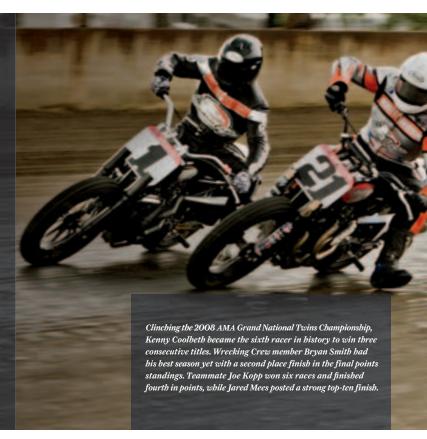
Experience the ultimate in side-by-side two-wheeled competition. This elite class of professional racing delivers a high octane, high adrenaline rush like no other. With blazing speeds up to 200 mph, NHRA Pro Stock Motorcycle drag racing is the culmination of perfect timing, raw borsepower and flawless precision. To follow the Screamin' Eagle\*/Vance & Hines factory team, visit www.nbra.com.

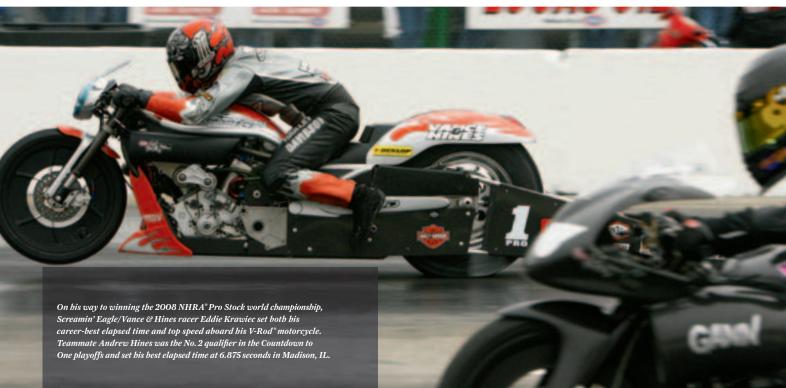
# AMA® PRO FLAT TRACK RACING

Some battles are best fought on the dirt. AMA Pro Flat Track Racing blends tradition with sights, sounds and action to produce the best in wheel-to-wheel competition. Balanced on a razor's edge at speeds up to 140 mph, purpose-built Harley-Davidson' XR-750-powered motorcycles battle the competition in one of the most exciting spectator sports on two wheels. To follow the Harley-Davidson factory team, visit "Flat Track News" at www.barley-davidson.com.

# AHDRA® SCREAMIN' EAGLE® CLASS RACING

If you ever wondered what it would feel like to tear down the track, the time to make that dream a reality is now. AHDRA competition provides all enthusiasts the opportunity to experience the high-octane adrenaline of drag racing. With your street bike or race-prepped machine, there are five Screamin' Eagle classes — including the VRXSE Destroyer" class — to put you out on the track and in the zone. For full details, visit www.abdra.com.





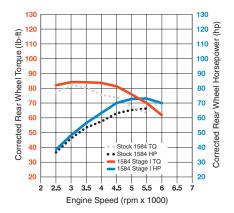
# SCREAMIN' EAGLE' STAGE KITS

# LIFE STAGES

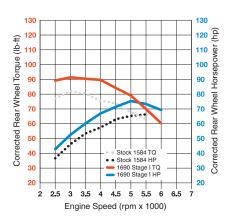
Developed specifically for fuel-injected Harley-Davidson motorcycles, Screamin' Eagle Street-Legal Stage Kits eliminate the guesswork and the need for trial-and-error testing normally associated with engine modifications. Just define your performance goals, and pick the Stage Kit that gets you there.

# DYNO CHARTS

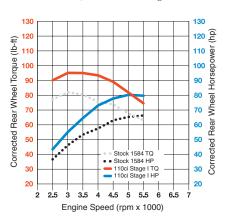
Twin Cam 96\* Stock vs. 96ci Stage I Kit



### Twin Cam 96 Stock vs. 103ci Stage I Kit



Twin Cam 96 Stock vs. 110ci Stage I Kit



### STAGE I AIR CLEANER

Let It Breathe The first step to unleashing the power of a V-Twin motor is to let it breathe. The engine is an air pump, so the more air and fuel it can swallow, burn and exhale, the more power it produces. Adding a Stage I High Flow or Heavy Breather Air Cleaner and Street Performance Muffler combination produces a lot of "bang for the buck," and is a great place to start your performance build.

# STAGE I BIG BORE

Open It Up Getting inside the engine and adding big bore cylinders and matching pistons is the fastest way to increase your bike's pulling power. When the torque curve peaks early and continues to pull all the way through the mid-range, you feel it. Big bore engines provide the power required to pass a slow moving camper or to pull a loaded bike up a long grade. Want even more? Step up to the Big Bore Stage II Kit and you add performance-matched cams for measurable increases in torque and horsepower.

### STAGE I BIG DISPLACEMENT

Get It All There's no substitute for cubic inches. Screamin' Eagle<sup>®</sup> 110 kits for Twin Cam 96<sup>™</sup> models deliver hard-hitting Street Legal performance with proven reliability. Original Equipment on the Harley-Davidson® Screamin' Eagle® CVO™ motorcycles, these Stage I Kits feature system-matched cylinders, heads, pistons, cams and ECM calibrations for demonstrated performance.

# **CAUTION ICONS**



Accessories are covered by the EC wide vehicle type approval. No additional certificate required.



The TÜV has concluded that these accessories fulfill the conditions under the German Road Act (stVZO) and installing these accessories does not affect the vehicle approval.



👯 💢 🔭 Harley-Davidson motorcycles modified with some Screamin' Eagle\* performance parts should not be used on public roads and in some cases may be restricted to closed-course competition. In the Screamin' Eagle section, all performance parts with the crossed flags symbol are intended for racing applications only. Please contact your local dealer for

Local requirements may vary. For more information, contact your local Harley-Davidson dealer.

# A. SCREAMIN' EAGLE SPORTSTER 883CC TO 1200CC STAGE I CONVERSION KIT



120 ලි 120 (# 110 110 110 ja 100 de Wheel Horse 90 80 70 rected Rear 60 Corrected 50 50 40 Stock 1200 TQ Stock 1200 HP 40 30 % 30 1200 Stage 1 TQ 1200 Stage 1 HP 20 3.5 4 4.5 5 5.5 6 6.5 Engine Speed (rpm x 1000)

SPORTSTER 1200 STOCK VS.

**1200 STAGE I KIT** (P/N 29782-07 shown)

В

B. SCREAMIN' EAGLE SPORTSTER STAGE I AIR CLEANER KIT

# SCREAMIN' EAGLE® 457

L Stage Kits

# A. SCREAMIN' EAGLE® SPORTSTER® 883CC TO 1200CC STAGE I CONVERSION KIT\*

Make your Iron 883 roar. This complete conversion kit will alter the personality of your 883-equipped Sportster model. Designed to bring your XL883 model up to XL1200 specifications, this kit includes Sportster Stage I Air Cleaner Kit, XL1200 Cylinder Heads, and XL1200 Cylinders and Pistons. Kit includes black highlighted cylinders and cylinder heads. No case machining is required for installation. Street legal when used with stock mufflers. All models require ECM calibration\* (priced separately).

**29784-07** Black.

Fits '07-later XL883 models

\*Recalibration is required for proper installation, and will allow engine to rev to 7000 RPM. See dealer for details.

# B. SCREAMIN' EAGLE SPORTSTER STAGE I AIR CLEANER KIT\*

The XL Stage I Air Cleaner Kit provides increased airflow to boost the power of your fuel injected Sportster model. The complete kit features a composite air cleaner back plate, air cleaner cover adapter, a high-flow washable synthetic media filter element that does not require oiling, and a breather system that routes gasses and excess oil directly into the intake. Kit also includes cover trim, and all mounting hardware. Street legal when used with stock mufflers. All models require ECM calibration\* (priced separately).

29782-07 Fits '07-later XL models.

\*Recalibration is required for proper installation, and will allow engine to rev to 7000 RPM. See dealer for details.

**CAUTION:** Harley-Davidson EFI systems will not compensate for any component changes. Do not mill heads or increase compression in any way. Do not use cams other than those supplied in the kit. Do not change kit components. Failure to comply may result in engine damage.

Twin Cam Stage Kits

# A. SCREAMIN' EAGLE® STREET LEGAL 110 CUBIC INCH STAGE I KIT FOR EFI MODELS\*

Bring your Twin Cam motorcycle up to the same displacement and power output as the CVO Screamin' Eagle® models – a gigantic 1800cc's. This street legal kit combines all the proven components of the CVO Screamin' Eagle models – the 4" bigbore forged pistons and cylinders, SE-255 camshafts, and cylinder heads with automatic compression release. The Screamin' Eagle cylinder heads and forged piston combination offers a 9.3:1 compression ratio for easy starting. The cylinder heads also prominently feature the "Screamin' Eagle 110" script. Kits includes all required gaskets (except primary cover and transmission interface gasket) and hardware to complete the installation. Installation requires case boring. Professional installation recommended. Separate purchase of cam spacers is required. See service manual for proper procedure and cam spacer part numbers. Requires separate purchase of appropriate Automatic Compression Release Wiring Harness. All EFI-equipped models require ECM calibration\* (priced separately).

Fits '07-later HDI Touring models, '07-later HDI Dyna models, and '07-'09 HDI FLSTF and '07 FXSTD Softail models. Street legal on HDI-configured models when installed with Original Equipment air cleaner and exhaust.

29866-07A Black



Twin Cam Stage Kits

# B. SCREAMIN' EAGLE® STREET LEGAL BIG BORE

STAGE II KIT FOR EFI MODELS – 103 CUBIC INCHES\*
The Stage II Big Bore Kit provides the parts you need to increase the horsepower of your EFI-equipped model. The kit increases the displacement of your Twin Cam-equipped model from 96 cubic inches (1584cc) to 103 cubic inches (1690cc). Includes Stage II (SE-255) cams, Big Bore cylinders, Big Bore flat top pistons, clips, and a Stage I Air Cleaner Kit with one-piece back plate, integral breathers, all mounting hardware, and gaskets. Also includes a high performance clutch spring. Separate purchase of cam spacers is required. See manual for proper procedure and cam spacer part numbers. Requires separate purchase of primary cover gasket. Not all components shown. 49-state kits include catalyst mufflers or headers, and California kits are street legal on California pollution controlled vehicles when used with Original Equipment mufflers. All EFI-equipped models require ECM calibration\* (priced separately).

Fits '08-later Softail models.

27543-08 Black.

Fits '08-later Touring models (except FLHTK, FLHX, FLTRX ).

27557-08 Black.

27558-08 Silver.

Fits '08-later Dyna models. (except FXDF and FXDWG)\*

27545-08 Black.

NOTICE: Installation of automatic or manual compression releases on large displacement engines is highly recommended.

Twin Cam/Evo Stage Kits

# A. SCREAMIN' EAGLE® BIG BORE STAGE I KIT FOR EFI MODELS – 103 CUBIC INCHES\*

This Big Bore Kit lets you increase the displacement of your Twin Cam 96 engine-equipped model from 96 cubic inches (1584cc) to 103 cubic inches (1690cc). Includes Big Bore cylinders, Big Bore flat top piston assemblies and a Stage I Air Cleaner Kit with one-piece back plate, integral breathers, all mounting hardware, and gaskets. A high performance clutch spring is included to provide the additional clutch capacity required by the extra torque. Requires separate purchase of primary cover gasket. This kit is street legal when used with stock mufflers. (Not all components shown.) All EFI-equipped models require ECM calibration\* (priced separately).

\*Recalibration is required for proper installation, and will allow engine to rev to 6200 RPM. See dealer for details. Labor cost not included.

Fits European '10 Touring models. Legal on HDI configured models when used with stock exhaust and air cleaner. (Approval pending).

27534-10 Black

**NOTICE:** Installation of automatic or manual compression releases on large displacement engines is highly recommended.

# B. SCREAMIN' EAGLE® EVOLUTION 1340 EFI STAGE I PERFORMANCE KIT\*\*

This 50-state street legal kit increases torque throughout the RPM range, with a 15% increase at the peak. Stage I Kit includes air cleaner and breather kit, and all required hardware. All models require ECM calibration\*\* (priced separately). These kits are designed to work with stock mufflers.

### 29387-97B

Fits '97-'98 Evolution® 1340-equipped EFI models only. Also fits '95-'96 Evolution 1340-equipped EFI models when used with ECM P/N 32423-97B. (Does not fit Twin Cam-equipped models.)

\*\*Recalibration is required for proper installation, and will allow engine to rev to 6000 RPM. See dealer for details. Labor cost not included.

# C. SCREAMIN' EAGLE® PERFORMANCE AIR CLEANER FOR VRSC™ MODELS

This high flow air cleaner provides the clean stable air the engine needs for maximum performance. The washable filter element does not require oiling.

29793-02C Fits '02-later VRSC™ models.



A. SCREAMIN' EAGLE BIG BORE STAGE I KIT FOR EFI MODELS - 103 CUBIC INCHES



B. SCREAMIN' EAGLE EVOLUTION 1340 EFI STAGE I PERFORMANCE KIT



C. SCREAMIN' EAGLE PERFORMANCE AIR CLEANER FOR VRSC MODELS

**CAUTION:** Harley-Davidson EFI systems will not compensate for any component changes. Do not mill heads or increase compression in any way. Do not use cams other than those supplied in the kit. Do not change kit components. Failure to comply may

**CAUTION:** Dealer installation required – failure to comply may result in a lean fuel condition and severe engine damage.

result in engine damage.



D. SCREAMIN' EAGLE STAGE I AIR CLEANER KIT - MULTI-FIT



D. SCREAMIN' EAGLE STAGE I AIR CLEANER KIT – '08-LATER DYNA



D. SCREAMIN' EAGLE STAGE I AIR CLEANER KIT – '08-LATER TOURING



Air Cleaner Kits

# D. SCREAMIN' EAGLE® STAGE I AIR CLEANER KIT – TWIN CAM MODELS\*

Kit features a one-piece cast back plate with integral breather and mounting brackets for simplified installation, and a "state of the art" synthetic media washable air cleaner element that does not require oiling. If you want more torque from your Twin Cam-equipped model, this kit provides a freer breathing capability to pump-up the power of your EFI-equipped motorcycle. This kit includes air cleaner, breather, and all required hardware. Street legal when used with stock mufflers. All EFI-equipped models require ECM calibration\* (priced separately).

\*Recalibration is required for proper installation, and will allow engine to rev to 6200 RPM. See dealer for details. Labor cost not included

### 29773-02C

Fits '08-later Softail and '08-later Dyna equipped with accessory Air Cleaner Covers (stock on '08 CVO Dyna). (FLSTSB models require separate purchase of Gasket P/N 29591-99 and Screw P/N 29703-00.) Also fits '01-'07 EFI Softail, '02-'07 EFI Touring, '04-'07 EFI Dyna and models equipped with Accessory Air Cleaner Covers. (Stock on '05 FLSTFI 15th Anniversary, '05-'07 CVO Softails, '07 CVO Dyna, and '07 CVO Road King models.) '06-'07 CVO Electra Glide models require the separate purchase of Air Cleaner Cover P/N 29121-07. Air Cleaner Trim is sold separately.\*

### 29406-08

Fits '08-later Dyna models with Original Equipment Air Cleaner Cover.\*

#### 29260-08

29510-05

Fits '08-later Touring models with Original Equipment 50mm Throttle Body. '08-later CVO models require separate purchase of Air Cleaner Cover P/N 29121-07.\*

# E. SCREAMIN' EAGLE® AIR CLEANER BACK PLATE KIT

Chrome.

Finished in brilliant chrome or wrinkle black, this replacement back plate complements the finish of your engine. Cast back plate design features integral breather and mounting brackets for simplified installation.

Fits '99-later Softail®, '02-'07 Touring and '99-'07 Dyna® models equipped with Screamin' Eagle Stage Kits or High Flow Air Cleaner Kits. Installation may require separate purchase of (2) O-Ring P/N 11292, (2) Breather Tube P/N 29557-05, and (2) Breather Screw P/N 29465-99. See your dealer for details.

Air Cleaner Kits

# A. SCREAMIN' EAGLE® STREET LEGAL "HEAVY BREATHER" PERFORMANCE AIR CLEANER KIT

This high-flow forward-facing exposed element Air Cleaner Kit is sure to turn heads at the starting line. Featuring a polished elbow and exposed filter, this unique air cleaner system offers improved performance and air flow when compared to the stock or Screamin' Eagle High Flow air cleaner. The washable and re-chargeable filter features a bright chrome end cap with a laser-engraved Screamin' Eagle logo. Intake tube and back plate are made from die cast lightweight aluminum, and are polished and chrome-plated or painted black for a brilliant finish. The back plate features integral breathers and sealed breather bolt plug. Kit includes a water-repellent rain sock and all mounting hardware. All EFI-equipped models require ECM calibration\* (priced separately).

Fits '08-later Touring models. Does not fit models equipped with fairing lower glove boxes. Street legal when used with Original Equipment throttle body.\*

29006-09A Gloss Black.

**29253-08A** Chrome.

Fits '08-later Touring models equipped with Fairing Lower Glove Boxes. Street legal when used with Original Equipment throttle body.

**28716-10** Compact Design – Chrome.

Fits '08-later Dyna® and Softail® models.\*

29098-09 Gloss Black

**29299-08** Chrome.

Fits '08-later XL models.\* **29080-09** Gloss Black

29264-08 Chrome

\*Recalibration is required for proper installation. See dealer for details. Labor cost not included.

# B. SCREAMIN' EAGLE "HEAVY BREATHER" RAIN SOCK

Caught in the rain? This element cover is tailored to provide a perfect fit, decorated with the Screamin' Eagle Logo. Made from breathable and water resistant material, this cover lets air through while water beads and rolls off your Heavy Breather Air Cleaner element. Don't get caught without it.

### 29493-05

Fits models equipped with Heavy Breather Air Cleaner Kits.

# C. SCREAMIN' EAGLE "HEAVY BREATHER" DECORATIVE MEDALLION

Add the finishing touch to your Heavy Breather Air Cleaner by installing this medallion. Featuring a bright chrome-plated die cast base and contrasting black inlay with diamond cut "Screamin' Eagle" script. Easy to install.

### 29017-09

Fits models equipped with Heavy Breather Air Cleaner Kits.

# D. SCREAMIN' EAGLE HEAVY BREATHER DECORATIVE ENDCAP – WILLIE G. SKULL

Add a sinister touch to your Heavy Breather Air Cleaner. Chrome-plated self-adhesive cover features a forward-facing "Willie G. Skull" medallion.

# 28720-10

Fits models equipped with Screamin' Eagle Heavy Breather Air Cleaner Kits (except Compact Version P/N 28716-10).



A. SCREAMIN' EAGLE "HEAVY BREATHER" PERFORMANCE AIR CLEANER KIT – SOFTAIL/DYNA – CHROME



A. SCREAMIN' EAGLE "HEAVY BREATHER" PERFORMANCE AIR CLEANER KIT – SOFTAIL/DYNA – BLACK



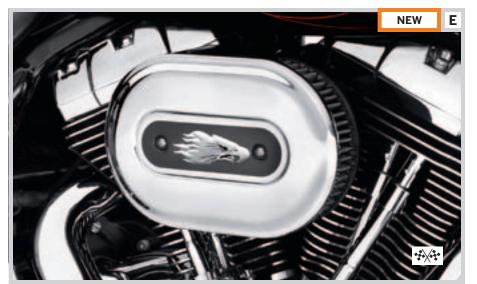
B. SCREAMIN' EAGLE "HEAVY BREATHER" RAIN SOCK



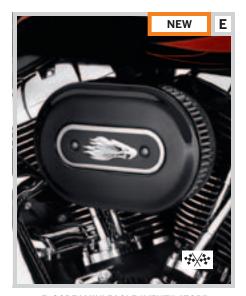
C. SCREAMIN' EAGLE "HEAVY BREATHER"
DECORATIVE MEDALLION



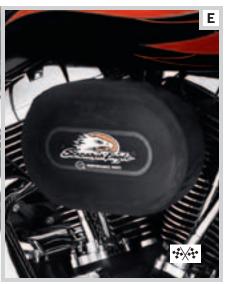
D. SCREAMIN' EAGLE "HEAVY BREATHER' DECORATIVE ENDCAP – WILLIE G. SKULL



E. SCREAMIN' EAGLE "VENTILATOR" PERFORMANCE AIR CLEANER KIT - CHROME



E. SCREAMIN' EAGLE "VENTILATOR" PERFORMANCE AIR CLEANER KIT –
GLOSS BLACK



E. SCREAMIN' EAGLE "VENTILATOR" AIR CLEANER - SHOWN WITH RAIN SOCK

Air Cleaner Kits

# E. SCREAMIN' EAGLE® "VENTILATOR" PERFORMANCE AIR CLEANER KIT

PERFORMANCE AIR CLEANER KIT
Stylish low-profile exposed element air cleaner kit provides increased air flow to boost the power of your fuel injected engine. The track-inspired exposed element adds a purposeful look to the bike, and the included waterproof rain sock protects the filter during inclement weather. This easy-to-install kit includes low-profile air cleaner cover, high-flow filter element, back plate, Screamin' Eagle badge, protective rain sock, and all required installation hardware. Street legal when used with stock mufflers. All EFI-equipped models require ECM calibration\* (priced separately).

Fits '09-later Touring models.

29490-09	Chrome.
29915-09	Gloss Black.
Fits '10 Dyna	® and Softail® models.
28721-10	Chrome.
28722-10	Gloss Black.

Air Cleaner Covers

# A. FORGED BILLET ALUMINUM AIR CLEANER COVER

This unique Billet Aluminum Air Cleaner Cover is styled with inverted V-shape air inlets to complement the V-twin engine profile, and is designed with a generous open intake to maximize engine breathing. Manufactured from 6061-T6 billet aluminum, this high-quality forged dual throat air cleaner cover is expertly CNC-machined to exacting tolerances. Then, its surfaces are polished mirror-smooth, and chromeplated or black-anodized to match your customizing direction. The air cleaner kits include complementing brushed aluminum or matte black side inserts and a hidden mounting bolt. Complete the installation with one of the numerous custom medallion inserts (sold separately).

Fits Twin Cam and '93-'99 Evolution® 1340 carbureted models equipped with Screamin' Eagle® Air Cleaner Kits (cone shaped filter). See your dealer for specific applications.

29745-00A	Chrome.
29506-09	Black Anodized.

#### Shown with:

# BILLET AIR CLEANER SIDE INSERT KIT

Add a touch of color to the H-D® Forged Billet Aluminum Air Cleaner Cover. These easy-to-install Side Inserts are available in a matte black finish to add depth and dimension.

#### 97005-02

Fits Chrome Forged Billet Aluminum Air Cleaner Cover P/N 29745-00A.

### Also shown with:

# **BILLET AIR CLEANER MEDALLION KITS**

These polished and chrome-plated inserts for the Billet Air Cleaner Cover snap easily into place. The kit includes an O-ring gasket and individual decorative medallions.

Fits Forged Billet Aluminum Air Cleaner Cover P/N 29745-00A and 29506-09.

29902-09	Dark Custom Logo.
29929-07	Screamin' Eagle 96 Cubic Inch.
29888-06	Screamin' Eagle 103 Cubic Inch.
29898-06	Screamin' Eagle 110 Cubic Inch.

# **B. SMOOTH AIR CLEANER COVER**

Wrap your Screamin' Eagle® round air cleaner element in style. The mirror-chrome low-profile Air Cleaner Cover shields the element and opens breathing space between the backing plate and the cover. Cut-away bottom design exposes the air cleaner element to maximize the air flow. Easy-to-install, the one-piece cover is the ideal complement to the Chrome Air Cleaner Back Plate P/N 29510-05.

# 29153-07

Fits '99-later Twin Cam models equipped with Screamin' Eagle Stage Kits or High Flow Air Cleaner Assembly. '08 Dyna® models require separate purchase of Stage I Air Cleaner Kit P/N 29773-02C.



A. FORGED BILLET ALUMINUM AIR CLEANER COVER - BLACK ANODIZED (SHOWN WITH BILLET AIR CLEANER MEDALLION KIT - DARK CUSTOM LOGO COLLECTION)



A. BILLET AIR CLEANER AND MEDALLION KIT – SCREAMIN' EAGLE 96 CUBIC INCH



A. BILLET AIR CLEANER AND MEDALLION KIT – SCREAMIN' EAGLE 103 CUBIC INCH



A. BILLET AIR CLEANER AND MEDALLION KIT – SCREAMIN' EAGLE 110 CUBIC INCH



**B. SMOOTH AIR CLEANER COVER** 



# EXHAUST SYSTEMS

For raw and rebellious styling, extend the blacked-out custom look along the bike's entire profile.

Freedom and the right to ride are at the heart of motorcycling. We understand that unless we, as riders, take steps to be socially responsible, our right to ride and our lifestyle may be in jeopardy. Remember to ride respectfully.

Sportster Exhaust

# A. FACTORY TUNED MUFFLERS - JET BLACK

Factory tuned mufflers now available in a tough black finish. Features high flowing internals to maximize performance, an aggressive exhaust note, and a unique black coating that stands up to abuse. These pipes are a "must" to get the "Dark Custom" look.

# 80859-10

Fits '04- Later XL1200 & '07-Later XL 883 models.

# B. SCREAMIN' EAGLE® JET BLACK BUCKSHOT EXHAUST SHIELD KIT

Extend the blacked-out look along the bike's entire profile. These formed steel exhaust shields feature a unique jet black ceramic coating that complements the jet black Screamin' Eagle Street Performance Slip-On Mufflers P/N 80726-09A. The black coating maintains its uniform black finish, and has survived stringent Harley-Davidson testing for durability and corrosion resistance. The Sportster model shields feature a perforated "Buckshot" design that exposes the head pipe for a raw, rebellious look. Manufactured to Original Equipment standards for exacting fit, the easy-to-install kit includes front and rear head pipe shields.

# 64924-09

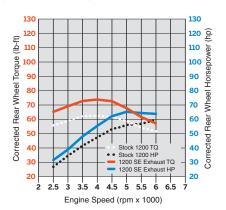
Fits '04-later XL models.



A. FACTORY TUNED MUFFLERS - JET BLACK INSET

# SPORTSTER 1200 STOCK VS. SE STREET PERFORMANCE MUFFLERS

(P/N 80503-07 shown)





B. SCREAMIN' EAGLE JET BLACK BUCKSHOT EXHAUST SHIELD KIT



A. SCREAMIN' EAGLE JET BLACK EXHAUST SHIELD KIT

Dyna Exhaust

### A. SCREAMIN' EAGLE JET BLACK EXHAUST SHIELD KIT

Extend the blacked-out look along the bike's entire profile. These formed steel exhaust shields feature a unique jet black ceramic coating that complements the jet black Screamin' Eagle Street Performance Slip-On Mufflers. The black coating maintains its uniform black finish, and has survived stringent Harley-Davidson testing for durability and corrosion resistance. Manufactured to Original Equipment standards for exact fit, the easy-to-install kit includes front and rear head pipe shields.

### 80821-10

Fits '06-later FXD, FXDB, FXDC, FXDL and '06-'08 FXDWG models with shorty dual exhaust.

# B. SCREAMIN' EAGLE JET BLACK EXHAUST SHIELD KIT

Extend the blacked-out look along the bike's entire profile. These formed steel exhaust shields feature the "tommy gun" cutouts and a unique jet black ceramic coating that complements the jet black Screamin' Eagle Street Performance Slip-On Mufflers P/N 80601-09. The black coating maintains its uniform black finish, and has survived stringent Harley-Davidson testing for durability and corrosion resistance. Manufactured to Original Equipment standards for exact fit, the easy-to-install kit includes front and rear head pipe shields.

#### 55247-09

Fits '08-later FXDF and '10 FXDWG models with forward controls.



B. SCREAMIN' EAGLE JET BLACK EXHAUST SHIELD KIT

NOTE: Due to increased diameter of these mufflers some realignment of headpipes is usually required. It is recommended to replace exhaust port gaskets, P/N 65324-83A (stock) or P/N 17048-98 (performance), to avoid tendency of headpipes to return to original position when re-tightened.

Softail Exhaust

# A. SCREAMIN' EAGLE JET BLACK EXHAUST SHIELD KIT

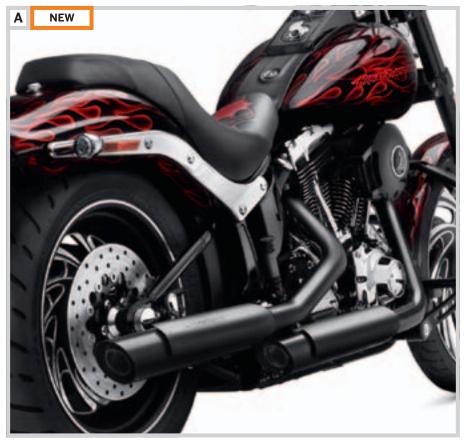
Extend the blacked-out look along the bike's entire profile. These formed steel exhaust shields feature a unique jet black ceramic coating that complements the jet black Screamin' Eagle Street Performance Slip-On Mufflers. The black coating maintains its uniform black finish, and has survived stringent Harley-Davidson testing for durability and corrosion resistance. Manufactured to Original Equipment standards for exact fit, the easy-to-install kit includes front and rear head pipe shields.

# 80818-10

Fits '08-later FXCW/C models equipped with shorty dual exhaust.

# 80824-10

Fits '07-later FXST, FXSTB and FXSTC models equipped with shorty dual exhaust.



A. SCREAMIN' EAGLE JET BLACK EXHAUST SHIELD KIT







A. JET BLACK EXHAUST SHIELD KIT - FXST



**B. JET BLACK EXHAUST SHIELD KIT** 

# SCREAMIN' EAGLE® 469 **B. SCREAMIN' EAGLE JET BLACK EXHAUST SHIELD KIT** Extend the blacked-out look along the bike's entire profile. These formed steel exhaust shields feature a unique jet black ceramic coating that complements the jet black Screamin' Eagle Street Performance Slip-On Mufflers. The black coating maintains its uniform black finish, and has survived stringent Harley-Davidson testing for durability and corrosion resistance. Manufactured to Original Equipment standards for exact fit, the easy-to-install kit includes front and rear head pipe shields. 80817-10

Fits '07-later FLSTF, FLSTFB and FXSTD models equipped with shotgun exhaust.

Softail Exhaust

# C. SCREAMIN' EAGLE JET BLACK **EXHAUST SHIELD KIT**

Extend the blacked-out look along the bike's entire profile. These formed steel exhaust shields feature a unique jet black ceramic coating that complements the jet black Screamin' Eagle Street Performance Slip-On Mufflers. The black coating maintains its uniform black finish, and has survived stringent Harley-Davidson testing for durability and corrosion resistance. Manufactured to Original Equipment standards for exact fit, the easy-to-install kit includes front and rear head pipe shields.

# 80829-10

Fits '07-later FLSTSB and FLSTN models equipped with shotgun exhaust.



C. SCREAMIN' EAGLE JET BLACK EXHAUST SHIELD KIT

Touring Exhaust

# A. SCREAMIN' EAGLE JET BLACK EXHAUST SHIELD KIT – TOURING

Extend the blacked-out look along the bike's entire profile. These formed steel exhaust shields feature a unique jet black ceramic coating that complements the jet black Screamin' Eagle Street Performance Slip-On Mufflers P/N 80742-09. The jet black coating maintains its uniform black finish, and has survived stringent Harley-Davidson testing for durability and corrosion resistance. Manufactured to Original Equipment standards for exacting fit, the easy-to-install kit includes front and rear head pipe shields.

#### 64981-09

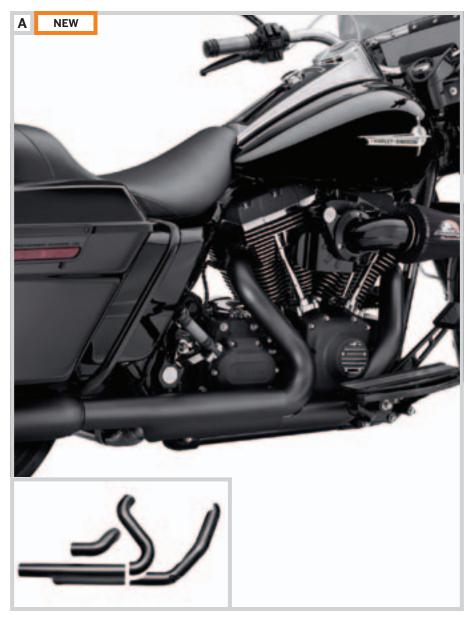
Fits '09-later Touring models (except '10 FLHX and FLTRX).

# **B. TOURING MUFFLER SHIELD KIT**

These chrome-plated muffler shields extend the Original Equipment exhaust pipe shield to the end of the muffler and will not interfere with end caps. They are perfect for restoring the luster to your Performance Mufflers by covering any scratches or weathering. Kit includes two exhaust shields and related hardware.

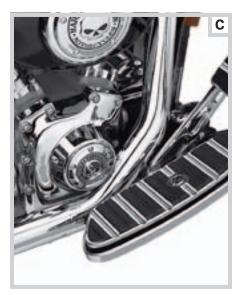
# 65829-00

Fits Harley-Davidson® 3-1/2" Touring Mufflers, Screamin' Eagle Performance Mufflers, and Harley-Davidson Performance Mufflers. These shields are not intended for use on FLSTS models or on One-Piece Performance Mufflers.



A. SCREAMIN' EAGLE JET BLACK EXHAUST SHIELD KIT - TOURING

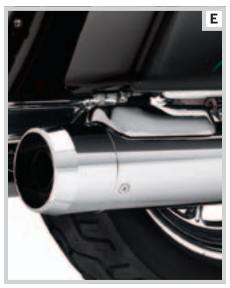




**C. CUSTOM EXHAUST SHIELD** 



D. SCREAMIN' EAGLE PERFORMANCE EXHAUST GASKET KIT



E. CHROME MUFFLER BRACKET COVER KIT



E. CHROME MUFFLER BRACKET COVER KIT

Touring Exhaust

# C. CUSTOM EXHAUST SHIELD

Complete the flow of brilliant chrome from the front to the rear of the Touring exhaust system. Chrome Front Exhaust Shield replaces the Original Equipment front shield and covers the exposed exhaust pipe adjacent to the rider footboard. Easy-to-install, the shield mounts with existing hardware.

# 65694-05A

Fits '00-'08 Touring models. Original Equipment on '05 FLHTCSE/2 models.

# D. SCREAMIN' EAGLE PERFORMANCE EXHAUST GASKET KIT

The exhaust gasket is a flat-woven stainless steel design that does not compress into the exhaust port, improving flow out of the head into the exhaust header pipe.

### 17048-98

Fits Evolution 1340-equipped models, XL, XR and '99-later Twin Cam-equipped models. (pair)

### E. CHROME MUFFLER BRACKET COVER KIT

Brilliant stamped-steel cover conceals the Original Equipment exhaust brackets. Contoured for a custom fit, these easy-to-install mirror-chrome covers add a distinctive finishing touch (sold in pairs).

# 80716-08

Prits '97-later Touring models. Fits Screamin' Eagle Street
Performance Touring 4" Mufflers P/N 64985-07A and 8073209. Does not fit with Fishtail 4" Muffler End Cap
P/N 80616-07. Does not fit with Screamin' Eagle 3-1/2"
Mufflers P/Ns 80490-07, 80491-07, 80677-08, 65467-05,
80463-06, or 65259-00.

# SCREAMIN' EAGLE ENGINE PARTS & TOOLS

# FINISH LINE OR FINISHING TOUCH

From heavy-duty internal engine and drive-line components to specialty tools and cosmetic accessories, Screamin' Eagle\* can supply everything you need to build a reliable, street legal, high-performance engine.

# **ENGINE PARTS**

Increased engine power and higher rev limits increase the stresses placed on other components. To maximize your engine's potential and help ensure its long-term health, remember to add high performance rocker arms, valve springs and cylinder studs into the mix. And performance clutches and drive-line components make sure you get all that power to the ground.





# DECORATIVE ACCESSORIES

Show off your hard work. Screamin' Eagle logo air cleaner trim and timer covers put the cap on your performance build.



# SPECIALTY TOOLS

TRANSMISSION

PG: 477

Grab a helping hand. Screamin' Eagle Specialty Tools are designed to simplify complex engine assembly tasks.





A. SCREAMIN' EAGLE HYDRAULIC CAM CHAIN TENSIONER PLATE UPGRADE KIT



B. SCREAMIN' EAGLE LEFTY BEARING



C. SCREAMIN' EAGLE TIMKEN BEARING SLEEVE

**Engine Components** 

# A. SCREAMIN' EAGLE® HYDRAULIC CAM CHAIN TENSIONER PLATE UPGRADE KIT

This kit updates the cam chain tensioner of your Twin Cam 88 engine to the latest design, as featured on the Twin Cam 96® engine. The billet cam support plate has been designed to allow the installation of the Twin Cam 96 hydraulic cam chain tensioner to Twin Cam 88-equipped models. These Hydraulic Cam Chain Tensioners will significantly outlast the spring loaded tensioners, and are an ideal addition to an engine modified for improved performance. In addition, '02-'06 models utilize a Twin Cam 96 single row front roller chain and sprocket (included in kit). '99-'01 models use Original Equipment front silent chain and sprocket to retain the cam position sensor function. The kit includes the improved Twin Cam 96 oil pump that increases flow by 8% and scavenging by 22% to enhance other performance upgrades.

# 25284-08

Fits '99-'05 Dyna® models, '99-06 Touring models, and '00-'06 Softail® models. Installation requires separate purchase of Spacer Kit P/N 25285-08.

### Also available:

### SCREAMIN' EAGLE CAM CHAIN TENSIONER SPACER KIT

Specifically designed for Hydraulic Cam Chain Tensioner Upgrade Kit P/N 25284-08. Kit includes an assortment of six different spacers. Spacers are required to space the cam sprocket to correct alignment with the mating pinion chain sprocket.

### 25285-08

Required for installation of Screamin' Eagle Hydraulic Cam Chain Tensioner Upgrade Kit P/N 25284-08.

# Inset photo:

# SCREAMIN' EAGLE® BILLET CAM SUPPORT PLATE

A great upgrade for any performance motor. The Billet Cam Support Plate is manufactured from billet aluminum with pressed-in bronze bushings, and is pre-assembled with the crankshaft bushing and oil pressure relief valve. Aluminum is specified at 6061 billet plate, heat treated to T6 specifications with a surface-hardened anodized finish to provide superior strength, rigidity, and durability. CNC-precision machining ensures precise dimensions and constant material thickness across the plate, enabling perfect alignment of cams and chains. Cam bushings are made from 660 bronze material to provide enhanced wear resistance, and to stand up to increased loads from the high lift cams common in large displacement motors.

### 25282-07

Fits '06-later Dyna and '07-later Softail and Touring models.

# **B. SCREAMIN' EAGLE LEFTY BEARING**

When high performance engine modifications are made, the increased torque is transferred via the crankshaft to the drive system, putting a significantly higher load on the bearing. The Lefty Bearing is designed to provide increased load capacity and enhanced durability in high-torque applications. The bearing is installed in the left side of the crank case, and supports the output shaft to the primary drive system.

### 24004-03A

Fits '03-later Twin Cam-equipped models.

# C. SCREAMIN' EAGLE TIMKEN BEARING SLEEVE

Convert a 2003-later Twin Cam model with a factory-installed roller bearing to a Timken tapered bearing. When used with Screamin' Eagle Timken Bearing Tool P/N 34823-08 (sold separately), the Bearing Sleeve can be installed without precision machining. Sleeve accepts press-in Timken bearing (sold separately).

# 34822-08

Fits '03-later Twin Cam-equipped models. Installation requires separate purchase of model-specific Sprocket Spacer. '03-'05 Dyna® use P/N 24038-99A, '03-'06 Softail® use P/N 24039-01A, '03-06 Touring use P/N 24008-99, and '06-later Dyna, '07-later Softail and '07-later Touring models use P/N 11887.

**Engine Components** 

### A. SCREAMIN' EAGLE® TAPPETS

These Screamin' Eagle Tappets incorporate a unique axle, roller and bearing design that increases durability and stability of the tappets. Works well in high horsepower/high RPM applications.

# 18572-07

Fits '99-later Twin Cam-equipped models and '00-later XL and XR models.

#### 18568-98

Fits '84-'99 Evolution® 1340-equipped models, and '86-'90 XL models. (set of 4)

# B. SCREAMIN' EAGLE PERFORMANCE VALVE SPRING KIT\*

This performance Beehive-shaped Valve Spring Kit will permit the Sportster engine to rev to 7000 RPM. The unique ovate wire yields increased performance from a compact spring design. The installed spring pressure is increased to 208 lbs, and allows a maximum lift of .575". Complete kit includes springs, upper collars and keepers, and lower collars with integral valve seals.

### 18013-03A

Fits '04-later XL, XR and '05-later Twin Cam-equipped models. Does not fit Screamin' Eagle Performance Heads with 5/16" diameter valves.

# C. SCREAMIN' EAGLE TWIN CAM FORGED ROCKER SUPPORTS

Increased strength rocker supports will handle the increased loads from higher lift cams and higher RPM applications. This product keeps valve train geometry solid. Works with stock or roller rocker arms. Includes required hardware for installation.

### 17675-01B

Fits '99-later Twin Cam-equipped models.

# D. SCREAMIN' EAGLE ROLLER ROCKER ARMS

Unique roller-tip design increases strength and reduces valve stem side-loading and tip friction. Built to handle cams with up to .700" lift in high RPM application. Complete kit includes set of four.

### 17378-98

Fits '84-'99 Evolution 1340-equipped models, '86-later XL and XR models and '99-later Twin Cam-equipped models. (Modification is required on Twin Cam rocker covers.)

# E. SCREAMIN' EAGLE® PREMIUM TAPERED QUICK-INSTALL ADJUSTABLE PUSHRODS

These premium pushrods are tapered for enhanced clearance at the cylinder head, allowing the use of higher lift cams. The one-piece chrome moly tube adds rigidity and durability, and the threaded adjustment feature provides easy cam installation without removing the cylinder heads or rocker boxes. To simplify adjustment, the tube features six flats, with one flat marked with a large dot for tracking the adjustment. The threaded rod features 4 flats to reduce wrench swing. Each pushrod features the Screamin' Eagle logo and is marked for "Intake" or "Exhaust". Kit includes 4 pushrods and required pushrod tubes.

# 18404-08

Fits '99-later Twin Cam-equipped models.

# F. SCREAMIN' EAGLE QUICK-INSTALL PUSHROD KIT FOR TWIN CAM-EQUIPPED MODELS

These pushrods have been designed to allow for easier installation, adjustment, and improved durability. This unique Screamin' Eagle design allows for installation of camshafts in the Twin Cam without the removal of the heads or rocker boxes. This design is also a great performer, constructed of stiff chrome moly tubing and thread-rolled adjusters. Kit includes required pushrod tubes and clips for adjustment of pushrods.

### 17997-99A

Fits '99-later Twin Cam-equipped models.

\*CAUTION: Proper valve spring to rocker cover clearance must always be verified during installation of Screamin' Eagle Valve Spring Kits. Failure to have adequate clearance may result in engine damage.



A. SCREAMIN' EAGLE TAPPETS



B. SCREAMIN' EAGLE PERFORMANCE VALVE SPRING KIT



C. SCREAMIN' EAGLE TWIN CAM FORGED ROCKER SUPPORTS



D. SCREAMIN' EAGLE ROLLER ROCKER ARMS



E. SCREAMIN' EAGLE PREMIUM TAPERED QUICK-INSTALL ADJUSTABLE PUSHRODS



F. SCREAMIN' EAGLE QUICK-INSTALL PUSHROD KIT FOR TWIN CAM-EQUIPPED MODELS



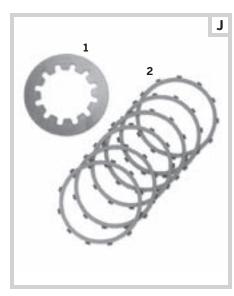
**G. AUTOMATIC COMPRESSION RELEASE** 



H. SCREAMIN' EAGLE BIG BORE HIGH PERFORMANCE HEAD GASKET KIT



I. SCREAMIN' EAGLE CV CARBURETOR TOP COVER



J. HIGH PERFORMANCE CLUTCH DISCS AND SPRING FOR '89-EARLIER MODELS



K. SCREAMIN' EAGLE PERFORMANCE CLUTCH KIT

**Engine Components** 

# **G. AUTOMATIC COMPRESSION RELEASE**

Automatic Compression Release (ACR) valves reduce the strain of starting your high performance motor by reducing cylinder compression – automatically! The engine is easier to turn over, resulting in less wear on your starter and battery. After start, the ACR valves close to restore full compression. ACR gives you peace of mind and protects your investment. ACR can be installed on stock or Screamin' Eagle Performance cylinder heads for all '07-later Twin Cam-equipped models. Installation requires machining to be performed by a competent machinist using the Screamin' Eagle Automatic Compression Release Fixture Kit P/N 94648-08 (sold separately). Installation requires separate purchase of model-specific ACR Wiring Harness P/N 70623-06 or 70623-08.

# 28861-07A

Fits '07-later Twin Cam-equipped models. Can be used with Original Equipment or Screamin' Eagle Cylinder Heads. (each)

### Also available:

# SCREAMIN' EAGLE® AUTOMATIC COMPRESSION RELEASE WIRING HARNESS

#### 70623-06

Fits '07-later Dyna and Softail models and '07 Touring models equipped with Automatic Compression Release Cylinder Heads.

#### 70623-08

Fits '08-later Touring models equipped with Automatic Compression Release Cylinder Heads (except '10 FLHTCU, FLHTK, FLHXXX, and '09-'10 FLHTCUTG).

### H. SCREAMIN' EAGLE BIG BORE HIGH PERFORMANCE HEAD GASKET KIT

This multi-layered head gasket provides improved sealing for 3-7/8" Big Bore high performance engines. Sold in pairs. For engines with compression ratios above 10.0:1, Screamin' Eagle High Tensile Cylinder Studs P/N 16505-01 are required.

### 16101-01

Fits '99-later Big Bore Twin Cam-equipped models.

# I. SCREAMIN' EAGLE CV CARBURETOR TOP COVER

This great looking carb top adds a finishing touch to the Original Equipment or Screamin' Eagle 44mm CV carburetor. The die-cast top features a brilliant chrome finish and "Screamin' Eagle" diamond engraving for clean crisp detail.

### 27477-04

Fits carbureted models equipped with Original Equipment or Screamin' Eagle Big Bore 44mm CV carburetor.

### J. HIGH PERFORMANCE CLUTCH DISCS AND SPRING FOR '89-EARLIER MODELS

Offers increased clutch capacity. Reduces clutch slippage and resultant heat build-up under heavy use/high performance and proper the continued of the continue

# 1. Screamin' Eagle Clutch Spring

# 37875-86A

Fits '84-1/2-'89 1340cc wet clutch models.

### **High Performance Clutch Spring**

**36783-87** Fits '84-1/2-'90 XL alternator models.

# 2. Screamin' Eagle Clutch Discs 37931-84

Fits '82-1/2-'89 1340cc wet clutch models. Stock production on '87-'89 models. Set of six.

# K. SCREAMIN' EAGLE PERFORMANCE CLUTCH KIT

Performance clutch kit converts the 8-plate clutch to a 9-plate design. The surface area is increased by 13%, and the spring rate is increased by 10% for a combination that can handle over 115 lb-ft of torque at the crank, a 23% increase over the stock-rated capacity. Kit includes Kevlar-based friction discs and performance clutch spring.

# 38002-04

Fits '91-later XL, XR models and '94-'97 Evolution® 1340-equipped models.

Clutch Components

### A. SCREAMIN' EAGLE® TWIN CAM PERFORMANCE RACE CLUTCH HUB KIT

Innovative new clutch hub kit offers improved clutch performance, and is perfect for large displacement applications. Will support engines producing up to 160 lb-ft of torque. Kit includes the hub, pressure plate and clutch springs, and can be used with stock friction discs and spacers or Screamin' Eagle Friction Disc Kit P/N 37980-10. (Does not include clutch friction plates.)

### 37976-08

Fits '07-later Twin Cam-equipped models. Does not fit models equipped with Hydraulic Clutch.

# B. SCREAMIN' EAGLE® RACE CLUTCH KIT

This clutch has an innovative design that features new long life friction plates and 6 individual coil springs to adjust your clutch to your specific needs. Designed to handle up to 160 lb-ft of torque at the crank.

### 37970-03A

Fits '90-'99 Evolution® 1340-equipped models and '99-'06 Softail®, Touring and '99-'05 Dyna® models. (Will not fit models equipped with Hydraulic Clutch.)

NOTE: '90-'97 Evolution 1340-equipped models require Clutch Shell P/N 37707-98A and Rod Adjuster Screw P/N 37090-98A. '90-'93 Evolution 1340-equipped models also require starter P/N 31553-94B.

# C. SCREAMIN' EAGLE PERFORMANCE CLUTCH FRICTION DISC KIT

Newly-developed friction material delivers longer life than Original Equipment friction discs. Kit includes new precision-machined flat steel plates. This Friction Disc Kit is a perfect match for the Screamin' Eagle Twin Cam Performance Race Clutch Hub Kit P/N 37976-08.

#### 37980-10

Fits '99-later Twin Cam-equipped model and '98-later Evolution-equipped models.

# **Heavy Duty Clutch Spring for Stock Clutch** (not shown) **37951-98**

Fits '99-later Twin Cam-equipped models and '98-later Evolution 1340-equipped models.

# D. SCREAMIN' EAGLE BIG TWIN COMPENSATOR

This premium compensator has been engineered with heavier springs and increased travel to support the high-torque output associated with high compression race and large displacement engines. Designed to support up to 7 times the energy absorption capacity of the Original Equipment compensator, this unit helps protect the engine and driveline components during harsh drag race launches. The perfect addition to a complete performance upgrade, and it complements the installation of the Screamin' Eagle Performance Clutch Hub P/N 37976-08.

### 40274-08

Fits '06-later Dyna, '07-later Softail (except FXCW, FXCWC and FXSTSSE3), and '07-later Touring models. Installation on '06 Dyna models requires separate purchase of '07-style stator.

# E. SCREAMIN' EAGLE PERFORMANCE SLIPPER CLUTCH FOR VRSC MODELS

This clutch offers reduced lever effort and improved performance. The unique "slip and assist" ramp system opens the two halves of the clutch hubs slightly during high loads to the drivetrain, allowing a moderate slip that reduces shock to the drivetrain during rapid downshifting. The resulting reduction in wheel hop allows maximum contact between the tire and the road in wet or slippery conditions. Clutch lever effort is also reduced by 20% in 1130cc and 30% on 1250cc applications.

# 37938-08KA

Fits '02-'07 VRSC models.



A. SCREAMIN' EAGLE TWIN CAM PERFORMANCE RACE CLUTCH HUB KIT



**B. SCREAMIN' EAGLE RACE CLUTCH KIT** 



C. SCREAMIN' EAGLE
PERFORMANCE CLUTCH FRICTION DISC KIT



D. SCREAMIN' EAGLE BIG TWIN COMPENSATOR



E. SCREAMIN' EAGLE PERFORMANCE SLIPPER CLUTCH FOR VRSC MODELS

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# F. SCREAMIN' EAGLE® 6-SPEED TRANSMISSION AND GEAR SET

Designed from the ground up, the Screamin' Eagle transmission incorporates many of the best Original Equipment features, like late-style shifting mechanism and a newly designed "shift ring" system to make this the smoothest shifting Harley-Davidson® transmission available. The "shift ring" system is similar to the system used in the VRSC transmission, and it slides on the shafts to mate into the gears. This eliminates sliding heavy gears to accomplish the shift, and results in smooth, precise and light effort shifting. Sixth gear is a true overdrive, at a .89:1 ratio, and the first five gears mimic today's proven 5-speed ratios. The overdrive feature allows you to run a lower engine RPM in sixth gear, at any given road life and smoother cruising. The Screamin' Eagle 6-Speed Transmission is available as a complete transmission, or as a replacement gear set, and can be matched with hydraulic or cable-operated clutch controls.

Screamin' Eagle 6-Speed Transmissions feature forged chrome "trap door", forged shifter forks and forged and precisely ground gears. No speedometer or exhaust mount modifications are required. Complete transmissions are ready to install into the chassis, and the 6-Speed Gear Set Kits are designed to replace the stock gear set without removing the transmission. Gear Set Kits require slight modification (template included) to the Original Equipment transmission case, and include all necessary installation hardware.

# **COMPLETE TRANSMISSION**

Fits '01-'05 Dyna® models. Requires separate purchase of appropriate Side Cover Release Kit.

33034-03A<sup>††</sup> Silver and Chrome.

33040-03A<sup>++</sup> Black and Chrome.

Fits '00-'06 Softail® models. Requires separate purchase of appropriate Side Cover Release Kit.

33044-03A<sup>††</sup> Silver and Chrome.

33045-03A<sup>††</sup> Black and Chrome.

Fits '90-'99 Softail models. Includes Cable Side Cover Release Kit.

33105-03<sup>††</sup> Silver and Chrome.

33104-03<sup>††</sup> Black and Chrome.

Fits '02-'06 Touring models. Requires separate purchase of appropriate Side Cover Release Kit.

33136-04<sup>††</sup> Silver and Chrome.

33137-04<sup>††</sup> Black and Chrome

# **GEAR SET**

# 33100-03A<sup>††</sup>

Fits '90-'99 Softail models and '91-'94 and '96-'00 Dyna models. Requires separate purchase of appropriate Side Cover Release Kit.

# 33101-03A<sup>††</sup>

Fits '90-'00 Touring models. Requires separate purchase of appropriate Side Cover Release Kit.

# 33102-03A<sup>††</sup>

Fits '00-'06 Softail and '01-later Touring models. Requires separate purchase of appropriate Side Cover Release Kit.

### 33103-03A<sup>++</sup>

Fits '01-'05 Dyna models. Requires separate purchase of appropriate Side Cover Release Kit.

### Shown with:

# SCREAMIN' EAGLE® TRANSMISSION SIDE COVER FOR 6-SPEED TRANSMISSION

Includes unique side cover and clutch components required for installing a Screamin' Eagle 6-Speed Transmission.

**38753-04A** Hydraulic Clutch.

Fits '99-'06 Touring, '99-'05 Dyna®, and '00-'06 Softail® models equipped with Screamin' Eagle 6-Speed Transmission and Hydraulic Clutch. NOTE: If installing a Hydraulic Clutch on a previously installed Screamin' Eagle 6-Speed, separate purchase of the Clutch Release Cover Gasket P/N 35148-03 is required.

# **38752-04** Cable Clutch.

Fits 90-'06 Touring, '91-'05 Dyna, and '90-'06 Softail models equipped with Screamin' Eagle 6-Speed Transmission and cable-actuated clutch.



TÜV





The Screamin' Eagle 6 Speed Transmission has been tested and validated using the same rigorous procedures that Original Equipment transmissions are subjected to, and is backed by a 12 or 24 month (depending on model year), unlimited mileage warranty when installed at the time of a new bike purchase.

Ignition

### A. SCREAMIN' EAGLE® ST PERFORMANCE SPARK PLUG

Screamin' Eagle ST Spark Plugs feature double platinum coating for superior erosion resistance and extended life. The "V" trimmed ground electrode reduces shrouding of the flame front to promote flame propagation, and the fine wire center electrode enhances start ups and ignitability. Screamin' Eagle ST Plugs feature Ribbed Core Technology (RCT) that provides resistance to fouling, and are designed with Original Equipment-style noise suppression to prevent electrical interference with radios and CB communication equipment. Works great in racing applications where rich air/fuel conditions are required. Unique style with Screamin' Eagle logo.

### **High Compression Applications**

These plugs are designed for high performance applications involving modifications in high flow air cleaners, cam shafts, exhaust, performance heads, ignition components, higher compression ratios above Original Equipment configurations or engines specific for racing applications.

# 32186-10

Fits '99-later Twin Cam-equipped models, '86-later XL and XR models, and 1340 Evolution models equipped with Screamin' Eagle Performance Cylinder Heads.

#### 32188-10

Fits '84-'99 Evolution 1340-equipped models, '75-'81 Shovelhead 74 and 80ci, and '83-'84 XR1000 models.

# **Stock Compression Applications**

Designed for modified engines including performance carburetors, high-flow air cleaners, cam shafts, exhaust systems and ignition systems in conjunction with stock compression ratios.

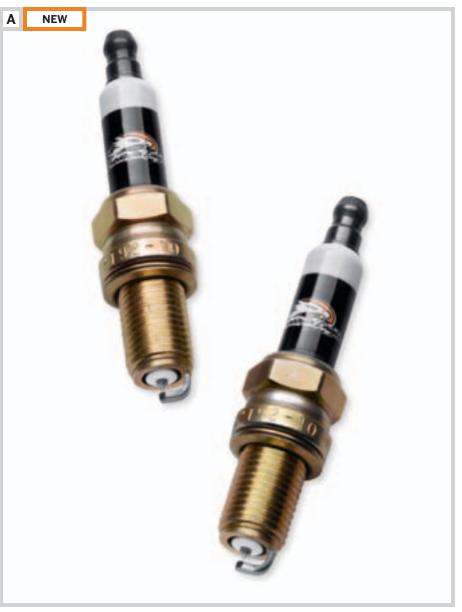
**32187-10** Fits '72-'85 XL1000 (except XR1000).

# 32189-10

Fits '84-'99 Evolution® 1340-equipped models, '75-'81 Shovelhead 74 and 80ci models.

#### 32192-10

Fits '99-later Twin Cam-equipped models, and '86-later Evolution Sportster® 883, 1100 and 1200 models.



# A. SCREAMIN' EAGLE ST PERFORMANCE SPARK PLUG

RCT (Ribbed Core Technology) provides improved resistance to plug fouling. The rib's proximity promotes spark discharge to the shell on plugs that are starting to foul, allowing the air/fuel charge in the cylinder to ignite and clear the plug. "V-trimmed" ground electrode Terminal construction ensures solid Plated jacket helps prevent reduces shrouding to promote watertight connection with standard or corrosion in harsh weather and performance spark plug wires. flame propagation. temperature conditions Built-in suppressor/resistor reduces Fine Wire Center Electrode promotes radio noise and interference. ignitability and enhances start up.

**Platinum pads** on both electrodes reduce gap erosion for longer plug life.



B. SCREAMIN' EAGLE 10MM PHAT SPARK PLUG WIRES



C. SCREAMIN' EAGLE PERFORMANCE COILS - EVOLUTION ENGINES



D. SCREAMIN' EAGLE STREET LEGAL IGNITION SYSTEM – TWIN CAM

enition

# B. SCREAMIN' EAGLE® 10MM PHAT SPARK PLUG WIRES

Fat 10mm plug wires add dimension and style to your ride. Screamin' Eagle boot design and suppression core wires ensure solid connection and maximum voltage transfer between coil and plugs. "Screamin' Eagle" logo printed along wire to add style.

Multi-Fit.

32095-98A	Black.	
31987-85B	Yellow.	
Fits '09-later 1	ouring models.	
32303-08	Black.	
32318-08	Red.	
32325-08	Orange.	
Fits '99-'08 Touring models.		
31932-99B	Black.	
31939-99B	Red.	
31946-99B	Orange.	
Fits '99-'09 Dy	yna <sup>®</sup> models.	
31930-99B	Black.	
31937-99B	Red.	
31944-99B	Orange.	
Fits '00-later S	Softail® models (except FXCW/FXCWC).	
32359-00B	Red.	
32360-00B	Orange.	
Fits '08-later F	FXCW and FXCWC models.	
31965-08	Black.	
31967-08	Red.	
Fits '91-'98 Dyna, '85-'99 Softail and '80-'84 Touring models.		
32093-98A	Black.	
31964-89B	Orange.	
Fits '07-later X	L models.	
31901-08	Black.	
31902-08	Orange.	
Fits '04-'06 XI	_ models.	
31958-04A	Black.	
31956-04A	Orange.	
Fits '86-'03 XL	models.	
32092-98A	Black.	
31963-89A	Orange.	

# C. SCREAMIN' EAGLE PERFORMANCE COILS - EVOLUTION® ENGINES

These coils provide over 40,000 volts to powerfully spark your Evolution motor. Quick rise time for high RPM and high compression performance applications.

Fits all '84-'99 carbureted Evolution-equipped and '86-'03 XL models with electronic ignitions (except '98-later XL1200S).

31653-97 Black.

# D. SCREAMIN' EAGLE STREET LEGAL IGNITION SYSTEMS – TWIN CAM

This module is 50-state street legal, and is programmed to allow the engine to turn 6200 RPM. Designed for use on engines with stock compression ratio.

# 31765-04A

Fits carbureted '04-'06 Touring models.

Decorative Accessories

# A. SCREAMIN' EAGLE® ACCESSORY COLLECTION

Add style to your motorcycle with these Screamin' Eagle accessories, and proclaim you're serious about performance.

# 1. Oval Air Cleaner Insert

Fits '66-'03 XL models.

**29382-97A** Black on Silver. **29383-97A** Silver on Black.

# 2. Timer Cover

Fits models with horizontal holes.

**32565-97A** Silver on Black. **32566-97A** Black on Silver.

### 3. Timer Cover

Fits '99-later Twin Cam-equipped models.

32744-99 Black on Silver. 32743-99 Silver on Black.

# 4. Air Cleaner Insert

Fits '84-later Evolution® 1340-equipped models.

**29619-99** Silver on Black. **29622-99** Black on Silver.

# 5. Air Cleaner Insert

Fits '99-'06 Twin Cam-equipped models.

**29620-99** Black on Silver. **29567-99** Silver on Black.

# **B. SCREAMIN' EAGLE® AIR CLEANER TRIM RING**

29503-07 Black & Orange.

Fits '07-later Touring and Sortail® models (except FLSTSB), and '07 Dyna® models equipped with Original Equipment air cleaner cover.

# C. SCREAMIN' EAGLE MEDALLION

This easy-to-install medallion features the race-bred "Screamin' Eagle" logo. The self-adhesive medallion can be used on sissy bar uprights, battery covers or any flat surface.

#### 92209-05

Fits Medallion Plate-style Sissy Bar Uprights and other flat surfaces.



A. SCREAMIN' EAGLE ACCESSORY COLLECTION







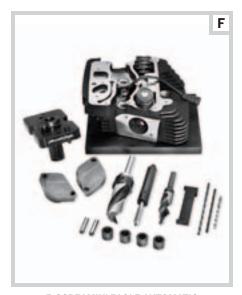
C. SCREAMIN' EAGLE MEDALLION



D. SCREAMIN' EAGLE CASE BORING TOOL



E. SCREAMIN' EAGLE TIMKEN BEARING TOOL



F. SCREAMIN' EAGLE AUTOMATIC COMPRESSION RELEASE TOOL



G. SCREAMIN' EAGLE MECHANICAL COMPRESSION RELEASE MACHINING FIXTURE



H. SCREAMIN' EAGLE AUTOMATIC COMPRESSION RELEASE REMOVAL TOOL



I. SCREAMIN' EAGLE OXYGEN SENSOR SOCKET TOOL

Specialty Tools

### D. SCREAMIN' EAGLE® CASE BORING TOOL

The Screamin' Eagle Case Boring Tool takes the guesswork out of boring Twin Cam engine cases to accept oversize cylinders. Designed to be used with a heavy-duty 15" drill press or milling machine, the fixture holds and aligns the cases for accurate machining. Ideal for installing a Twin Cam 110 cubic inch Stage Kit or a race-use "bigger bore" 113 cubic inch stroker cylinders.

### 94419-06

For use on '99-later Twin Cam engines.

### E. SCREAMIN' EAGLE TIMKEN® BEARING TOOL

Timken tool allows you to convert 2003-later Twin Cam models with a factory-installed output shaft roller bearing to a Timken tapered bearing. Tool allows technician to press in a bearing sleeve without having to do a precision crankcase boring operation. Sleeve presses in and is retained with screws. Timken bearing races are then pressed into the sleeve. Timken Bearing Sleeve P/N 34822-08 is sold separately.

### 34823-08

For use on '03-later Twin Cam-equipped models.

# F. SCREAMIN' EAGLE® AUTOMATIC COMPRESSION RELEASE TOOL

This kit provides all the fixtures and tools necessary for a machinist to install Automatic Compression Release (ACR) valves onto stock or Screamin' Eagle Performance cylinder heads. Complete installation requires separate purchase of Automatic Compression Release Kit P/N 28861-07A and model-specific Wiring Harness P/N 70623-06 or 70623-08.

### 94648-08

For machining of Original Equipment cylinder heads or Screamin' Eagle Performance Heads P/N 16952-08, 16953-08, 16952-99C and 16953-99C on '99-later Twin Camequipped models.

# G. SCREAMIN' EAGLE MECHANICAL COMPRESSION RELEASE MACHINING FIXTURE

Simplify the addition of mechanical compression releases to your stock Twin Cam cylinder heads. The fixture allows precision accuracy for the drilling, spot facing, and tapping necessary to install Compression Release Kit P/N 32076-04 (sold separately). Fixture accommodates the machining of the front and rear heads, even when the valves are already in place, and when the process is complete, the Compression Release Kit P/N 32076-04 threads in place.

# 94638-08

For use on '99-later Twin Cam models.

# H. SCREAMIN' EAGLE AUTOMATIC COMPRESSION RELEASE REMOVAL TOOL

Socket designed for removal and installation of Harley-Davidson® Automatic Compression Release solenoid.

# 94048-09

For all Harley-Davidson models equipped with Screamin' Eagle Automatic Compression Release.

# I. SCREAMIN' EAGLE OXYGEN SENSOR SOCKET TOOL

This cut-away socket is designed to clear the wire lead and simplify the removal or installation of the oxygen sensor on all closed loop fuel injected models. Manufactured to withstand up to 125 ft-lb of torque, the socket has a 3/8" drive receiver or can be used with a 7/8" wrench.

### 94136-09

For use on '06-later EFI models with 02 sensors.

Specialty Tools

# A. SCREAMIN' EAGLE® TWIN CAM CHAIN TENSIONER TOOL

A must for any camshaft work, this tool lets you easily assemble and disassemble cams by unloading the pressure on the primary and secondary chain tensioners on early Twin Cam models.

# 94075-09

For use on '99-'05 Dyna®, '00-'06 Softail® and '99-'06 Touring models.

# B. SCREAMIN' EAGLE PRIMARY DRIVE LOCKING TOOL

This tool is designed to keep the primary drive system from rotating during the installation and removal of the compensator sprocket nut or the clutch hub nut. The tool is easily inserted into the primary drive system and wedges in place to restrict movement without damaging the sprocket teeth.

### 94102-09

For use on '07-later Touring models.

# C. SCREAMIN' EAGLE MAINSHAFT SPROCKET AND PULLY LOCKNUT REMOVAL AND INSTALLATION TOOL

This extended-length socket is designed to fit over the long transmission shaft simplifying the removal and installation of the large transmission pulley locknuts. Manufactured from hardened tool steel, the socket includes a stabilizer spacer that keeps the threaded shaft end from hitting the socket during removal and installation.

### 94137-09

For use on '84-later Evolution® 1340-equipped models, and '99-'05 Dyna, '00-'06 Softail and '99-'06 Touring models.

#### 94141-10

For use on '06-later Dyna and '07-later Softail and Touring models.

# D. SCREAMIN' EAGLE® CAM LOCKING TOOL

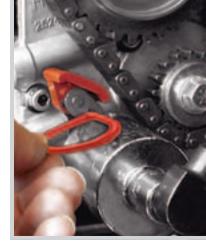
Tool allows a technician to effectively lock the camshaft and crankshaft sprockets to properly remove, replace, and torque the sprocket bolts. Tool is made from non-marring Delrin® to protect the crank and cam sprocket teeth and surface finishes.

**94076-09** Roller Chain.

For use on '06-later Dyna®, '07-later Softail® and '07-later Touring models.

**94077-09** Silent Chain.

For use on '99-'05 Dyna, '00-'06 Softail and '99-'06 Touring models.



A. SCREAMIN' EAGLE TWIN CAM CHAIN TENSIONER TOOL



A. SCREAMIN' EAGLE TWIN CAM CHAIN TENSIONER TOOL



B. SCREAMIN' EAGLE PRIMARY DRIVE LOCKING TOOL



C. SCREAMIN' EAGLE MAINSHAFT SPROCKET AND PULLY LOCKNUT REMOVAL AND INSTALLATION TOOL



D. SCREAMIN' EAGLE CAM LOCKING TOOL – ROLLER CHAIN



D. SCREAMIN' EAGLE CAM LOCKING TOOL – SILENT CHAIN



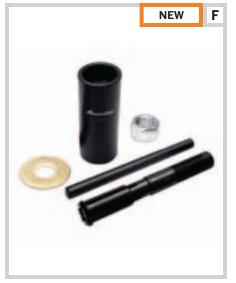
E. SCREAMIN' EAGLE CAMSHAFT REMOVAL AND INSTALLATION TOOL



E. SCREAMIN' EAGLE CAMSHAFT REMOVAL AND INSTALLATION TOOL



F. SCREAMIN' EAGLE INNER CAM BEARING REMOVAL TOOL



F. SCREAMIN' EAGLE INNER CAM BEARING REMOVAL TOOL



G. SCREAMIN' EAGLE INNER CAM BEARING INSTALLATION TOOL



H. SCREAMIN' EAGLE MAINSHAFT BEARING RACE REMOVAL AND INSTALLATION TOOL

Specialty Tools

# E. SCREAMIN' EAGLE® CAMSHAFT REMOVAL AND INSTALLATION TOOL

This multi-function tool is designed to remove and replace the front and rear camshafts and the ball bearings of a Twin Cam 88®-based engine. It precisely aligns the camshaft to ensure smooth press-in and press-out of the support plate.

# 94085-09

For use on '99-'05 Dyna®, '00-'06 Softail® and '99-'06 Touring models.

# F. SCREAMIN' EAGLE® INNER CAM BEARING REMOVAL TOOL

This precision tool simplifies the removal of the inner cam bearing, and reduces the risk of damaging the crankcase. Tool is also designed to keep the pin rollers from accidentally falling into the crankcase.

### 94078-09

For use on '99-'05 Dyna®, '00-'06 Softail® and '99-'06 Touring models.

# 94144-09

For use on '06-later Dyna and '07-later Softail and Touring models.

# G. SCREAMIN' EAGLE INNER CAM BEARING INSTALLATION TOOL

This precision tool is designed to ease the installation of the inner cam bearing into the bore. Manufactured from hardened tool steel, this precision tool perfectly positions the bearings and prevents the pin bearings from falling into the engine case.

#### 94107-09

For use on '99-later Twin Cam engines featuring both earlyand late-model inner cam bearing designs.

# H. SCREAMIN' EAGLE MAINSHAFT BEARING RACE REMOVAL AND INSTALLATION TOOL

This tool is designed to easily remove and install the bearing race on the transmission mainshaft. Manufactured from hardened tool steel, the tool operates with standard wrenches.

### 94129-09

For use on '84-later Evolution® 1340 and Twin Cam-equipped models with five speed transmissions.

Specialty Tools

# A. SCREAMIN' EAGLE® ROCKER BOX BOLT RATCHETING WRENCH

This high-quality wrench simplifies working on the rocker box while the engine is mounted in the motorcycle's frame. This tool features a low-profile design to allow access to the tight spaces between the frame and the engine. The wrench has a long handle for increased reach, a replaceable bit and a reversible ratcheting action so the socket head cap screw can be ratcheted in or out. The comfortable soft vinyl grip with Screamin' Eagle logo protects the engine from scratches.

#### 94057-09

For use on all Harley-Davidson® Big Twin rocker box covers.

# **B. SCREAMIN' EAGLE LOWER ROCKER BOX WRENCH**

This quality long-handled wrench is designed to simplify installation and removal of the lower rocker box on Twin Cam engines. The special 7/16" socket is shaped to reach these confined areas. The comfortable soft vinyl grip with Screamin' Eagle logo protects the engine from scratches.

# 94074-09

For use on Twin Cam engines.

# C. SCREAMIN' EAGLE INTAKE MANIFOLD WRENCH

This reversible ratcheting box wrench simplifies and speeds up the installation and removal of the intake manifold socket head cap screws used on Big Twin® engines. The comfortable soft vinyl grip with Screamin' Eagle logo protects the engine from scratches.

# 94063-09

For use on all Big Twin engines.

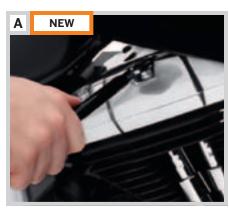
# D. SCREAMIN' EAGLE FLYWHEEL SHAFT RATCHET WRENCH

This high-quality ratcheting tool allows technician to manually rotate the flywheel of the engine to check cam timing, and to inspect valve-to-valve, piston-to-valve and piston-to-piston clearances. Designed to easily slip over the output crankshaft spline, the wrench features a simple-to-use finger-operated lever to reverse the ratcheting direction.

**94038-09** 24 Tooth Spline. For use on '06-later Dyna® and '07-later Touring and Softail® models.

94088-09 Sportster Spline. For use on '72-'09 XL models. 94089-09 10 Tooth Spline. For use on '72-'06 Big Twin engines

(except '06 Dyna models).



A. SCREAMIN' EAGLE ROCKER BOX BOLT RATCHETING WRENCH



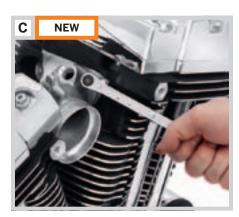
A. SCREAMIN' EAGLE ROCKER BOX BOLT RATCHETING WRENCH



B. SCREAMIN' EAGLE LOWER ROCKER BOX WRENCH



B. SCREAMIN' EAGLE LOWER ROCKER BOX WRENCH



C. SCREAMIN' EAGLE INTAKE MANIFOLD WRENCH



C. SCREAMIN' EAGLE INTAKE MANIFOLD WRENCH



D. SCREAMIN' EAGLE FLYWHEEL SHAFT RATCHET WRENCH



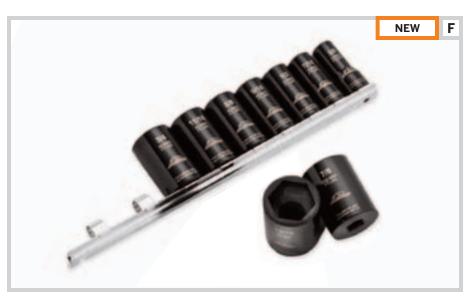
D. SCREAMIN' EAGLE FLYWHEEL SHAFT RATCHET WRENCH



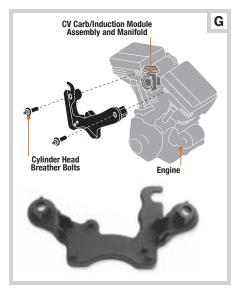
E. SCREAMIN' EAGLE PUSH ROD TUBE INSTALLATION AND REMOVAL TOOL



E. SCREAMIN' EAGLE PUSH ROD TUBE INSTALLATION AND REMOVAL TOOL



F. SCREAMIN' EAGLE CHROME PROTECTIVE SOCKETS - BLACK FINISH



G. INDUCTION ALIGNMENT BRACKET KIT



H. SCREAMIN' EAGLE ASSEMBLY LUBE

Specialty Tools

# E. SCREAMIN' EAGLE PUSH ROD TUBE INSTALLATION AND REMOVAL TOOL

This handy tool simplifies the removal and installation of the retaining clip on Harley-Davidson® collapsible push rod tubes. Convenient design reduces the risk of scratched engine parts and hands, and the quality composite handles provide a sure and solid grip.

### 94086-09

For use on Harley-Davidson collapsible push rod tubes.

# F. SCREAMIN' EAGLE CHROME PROTECTIVE SOCKETS – BLACK FINISH

Unique internal composite material protects the chrome finish on fasteners when these sockets are used. Mirror black finish, with laser etched SE logo, torque limit and size on each socket.

For use on all Harley-Davidson motorcycles.

### 94670-08

(9) 3/8" Drive Sockets 3/8"-15/16". SAE Standard.

# 94666-08

(8) 3/8" Drive Sockets 8mm-15mm. Metric.

# G. INDUCTION ALIGNMENT BRACKET KIT

The Induction Alignment Bracket Kit provides exact alignment and easy installation of engine intake manifolds, preventing intake air leaks.

#### 40054-01

For use on Twin Cam and Evolution® 1340 engines equipped with CV Carburetors or Electronic Fuel Injection.

# H. SCREAMIN' EAGLE ASSEMBLY LUBE

Screamin' Eagle Assembly Lube provides superior protection during installation or servicing of internal engine components. Formulated with a high tackifier, this lubricant clings to parts and provides excellent start-up and break-in protection. It provides excellent corrosion resistance, and it won't drip off like common oil when you set coated parts aside to work on the rest of the engine. That's why we use it on all of our test engines. Don't start your re-built or serviced engine without it. Recommended applications: cams, gears, crankpins, piston wrist pins, oil pumps, valve guides, rocker arm and push rod tips and roller tappet wheels.

**94971-09** Universal.